

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

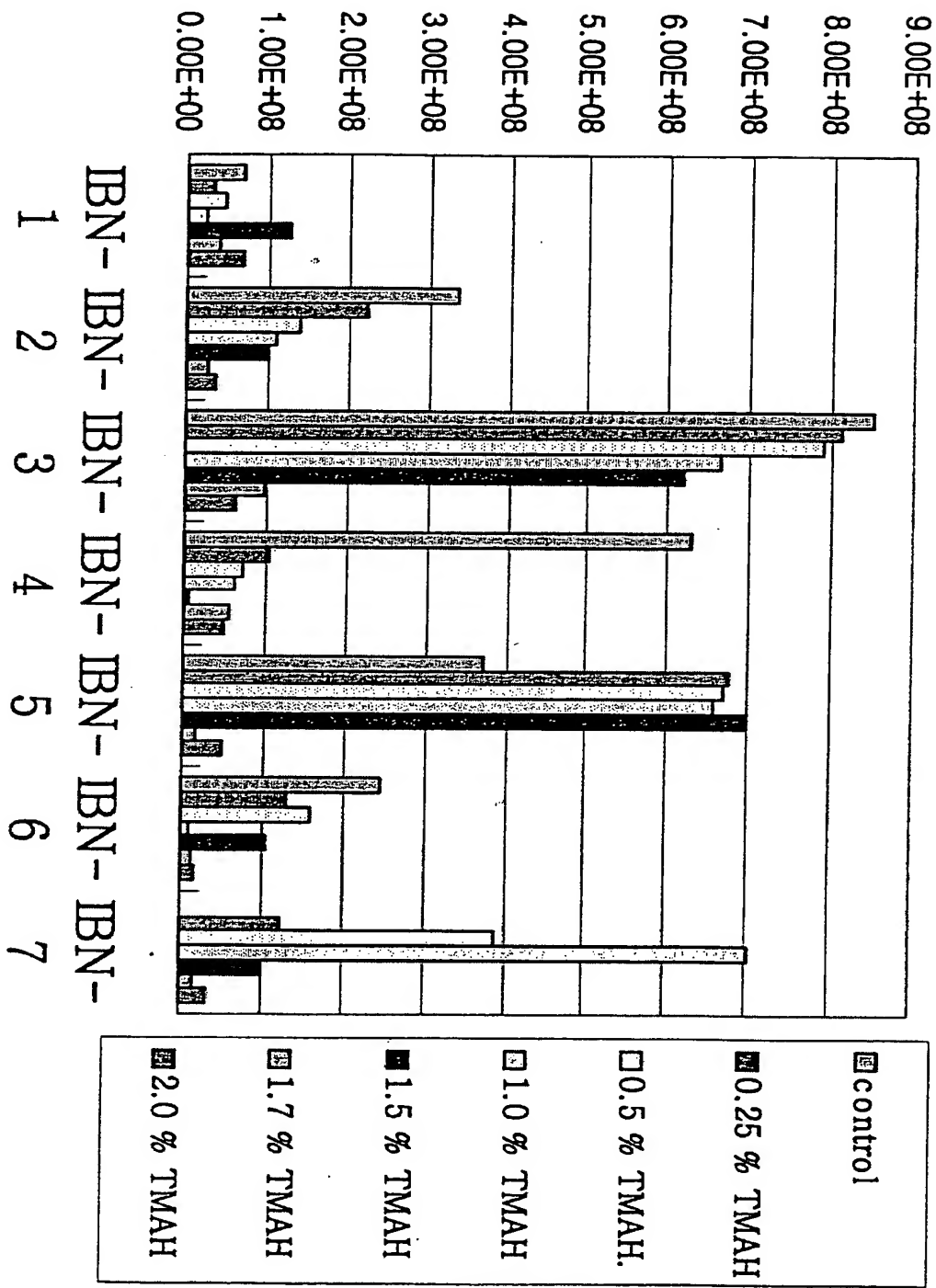
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



1/15



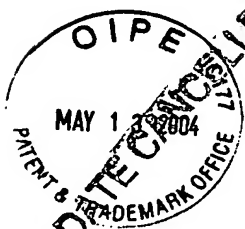
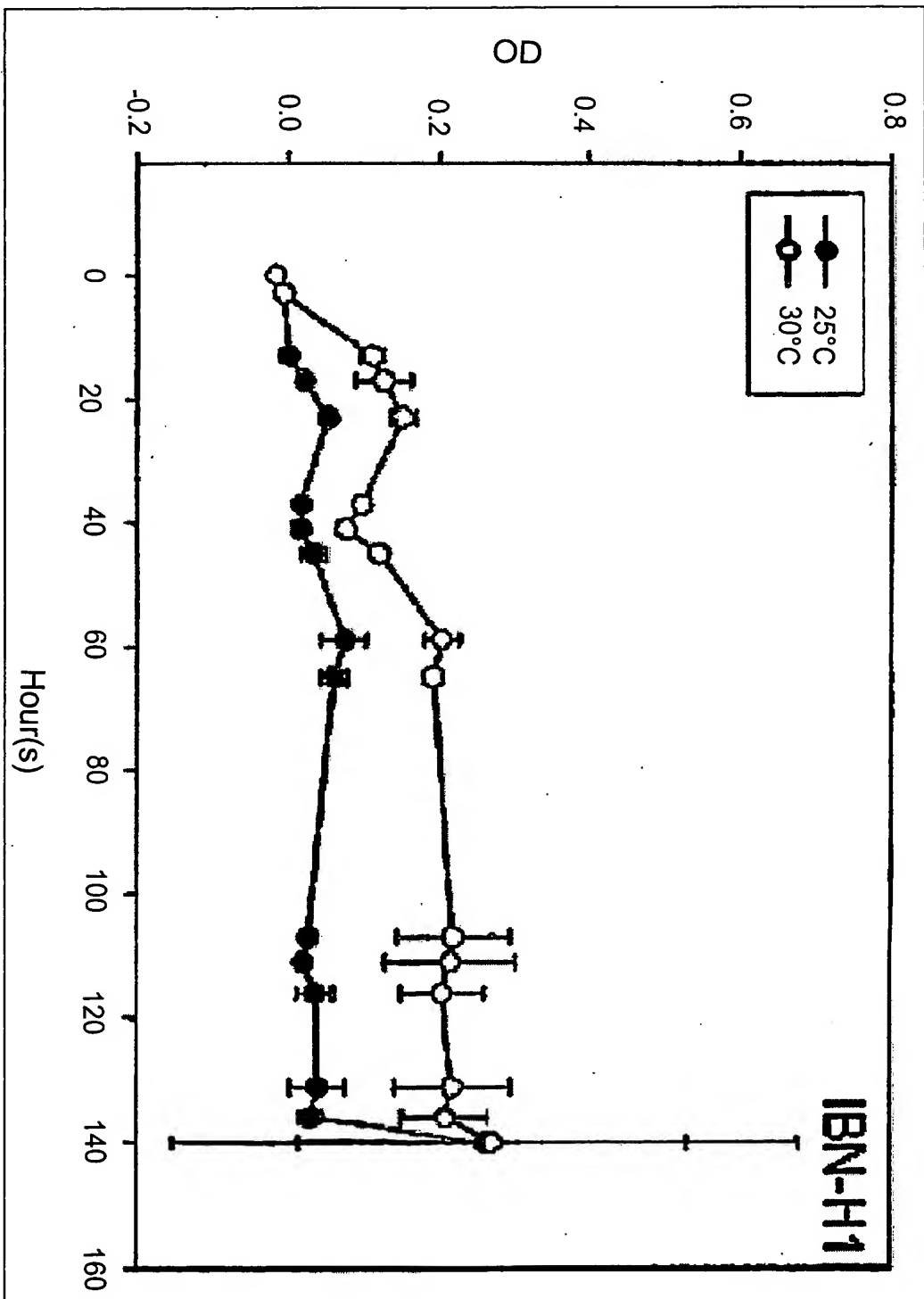


FIG. 2a

2/15



O I P E
MAY 13 2004
PATENT & TRADEMARK OFFICE
MAIL DATES CANCELLED

O I P E JC177
MAY 14 2004
PATENT & TRADEMARK OFFICE

FIG. 2b

3/15

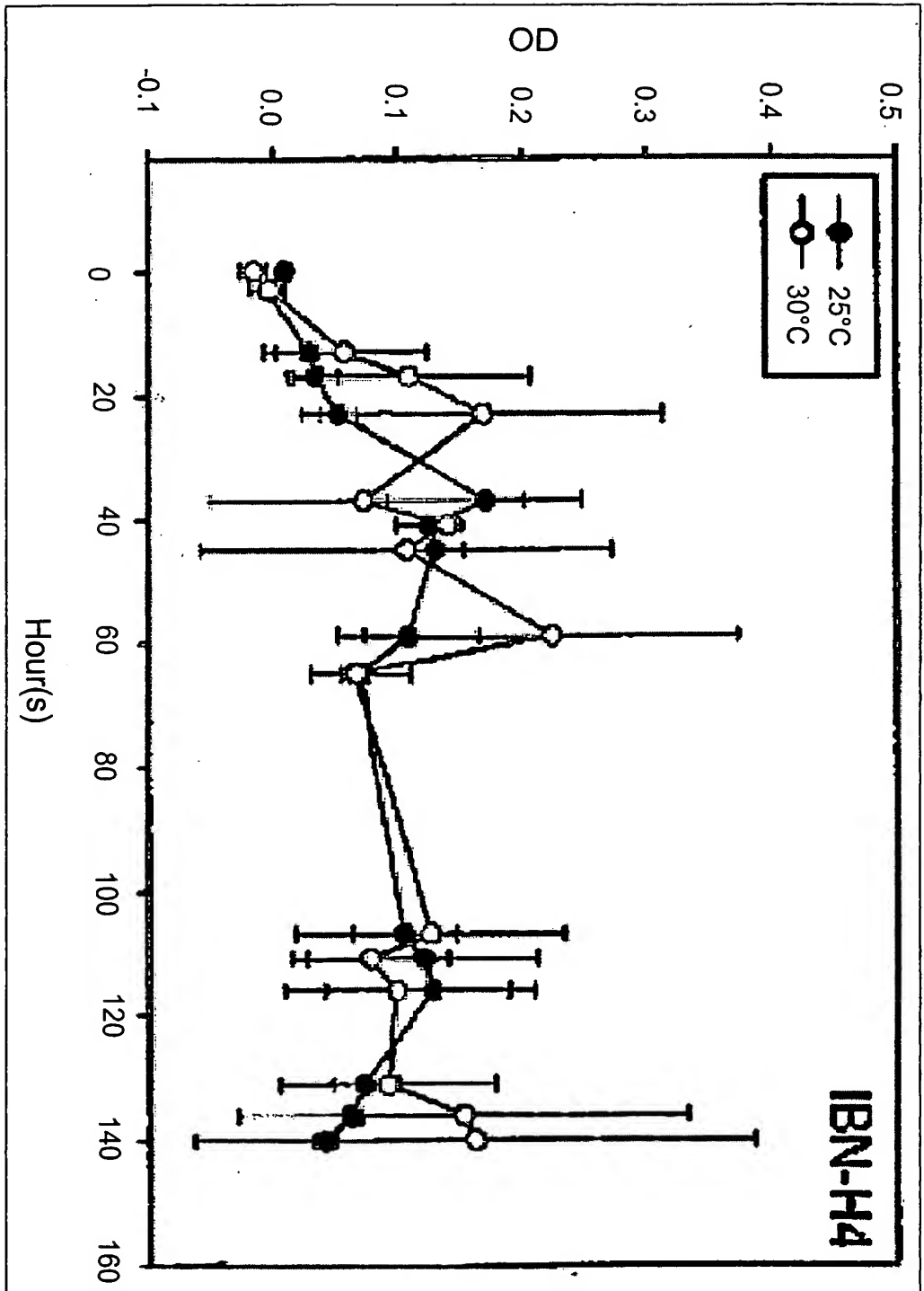
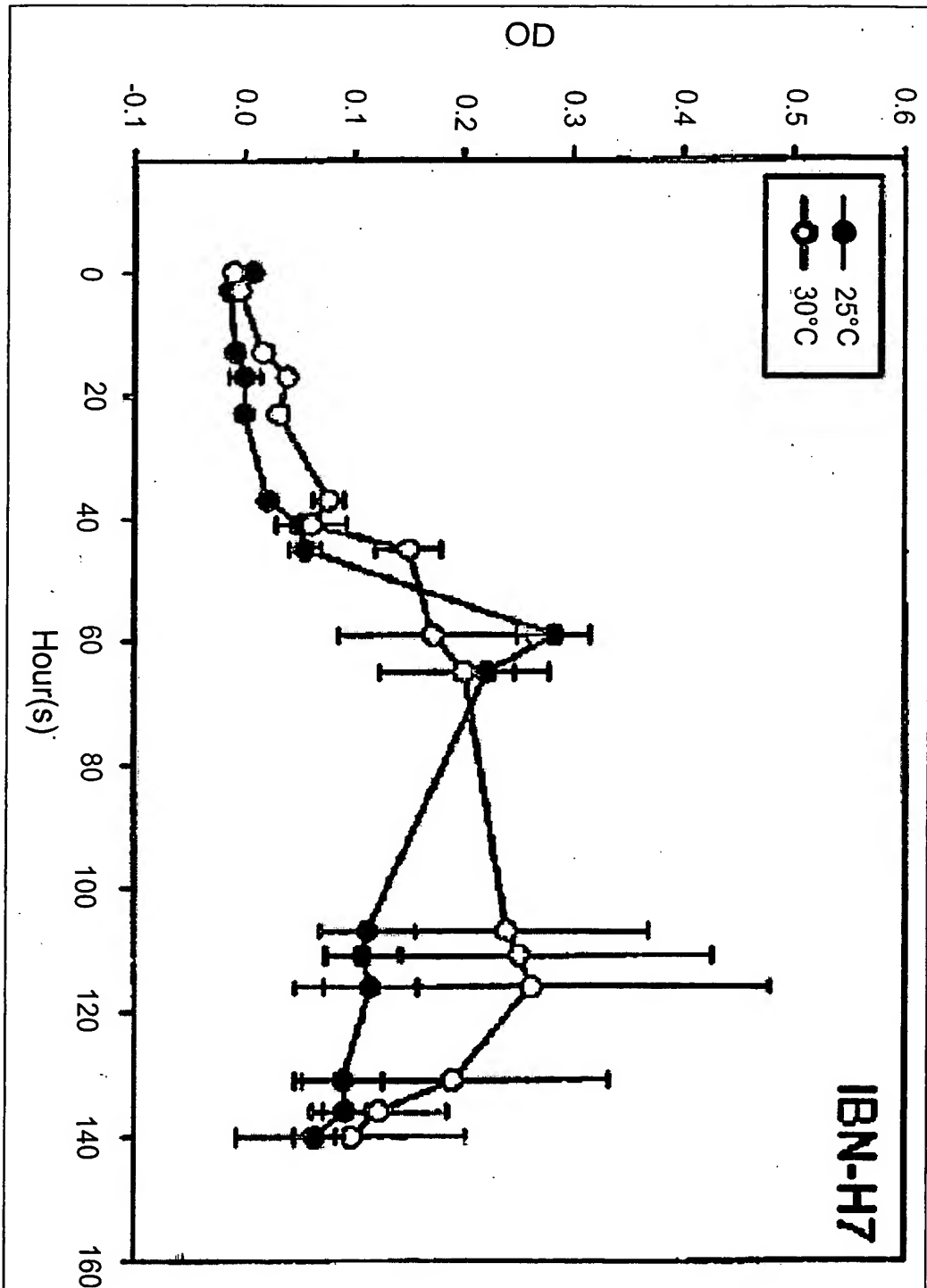




FIG. 2c

4/15



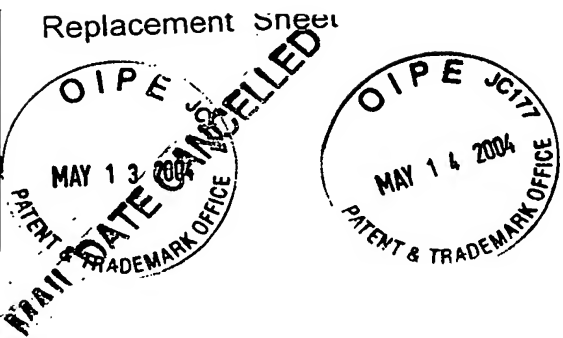
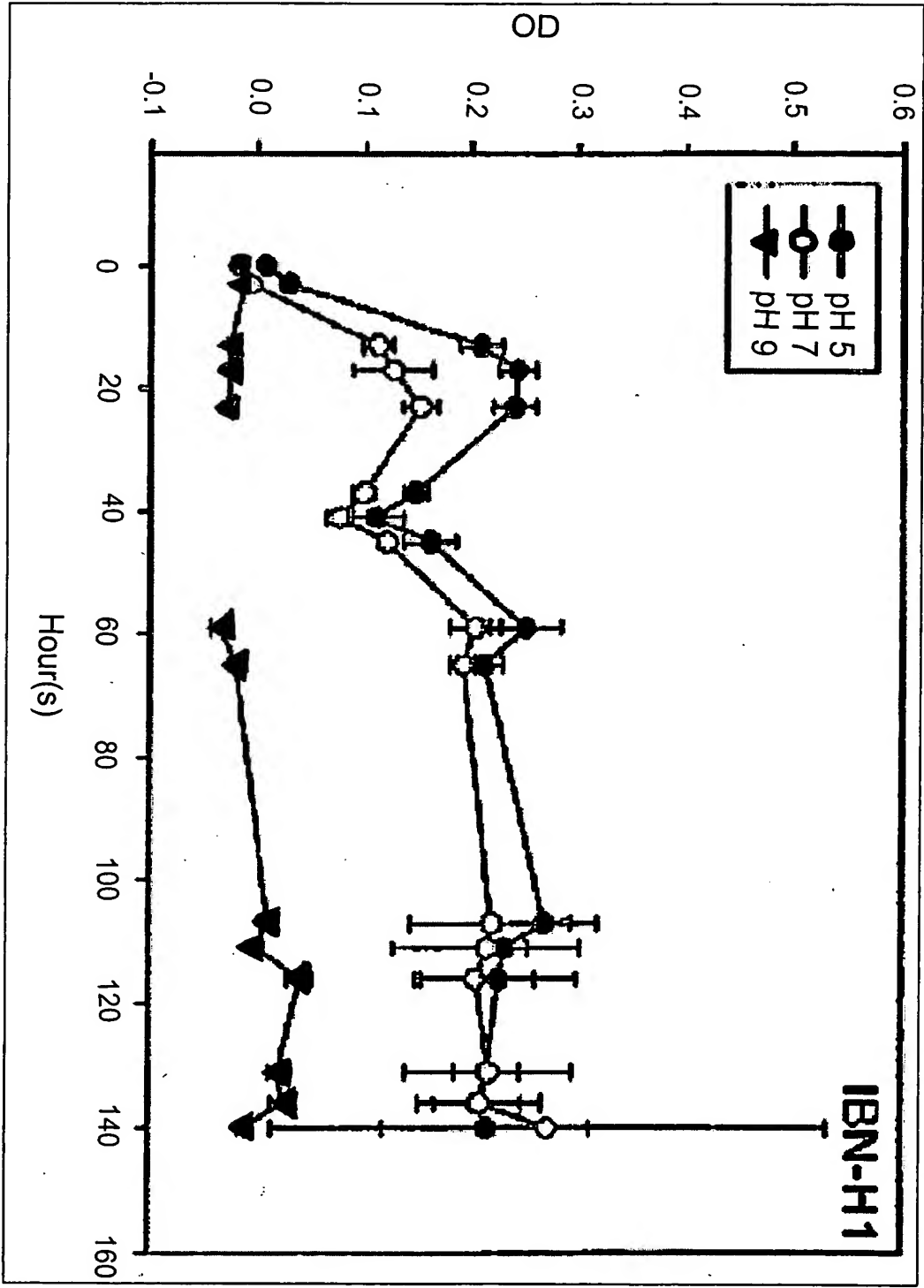


FIG. 3a

5/15

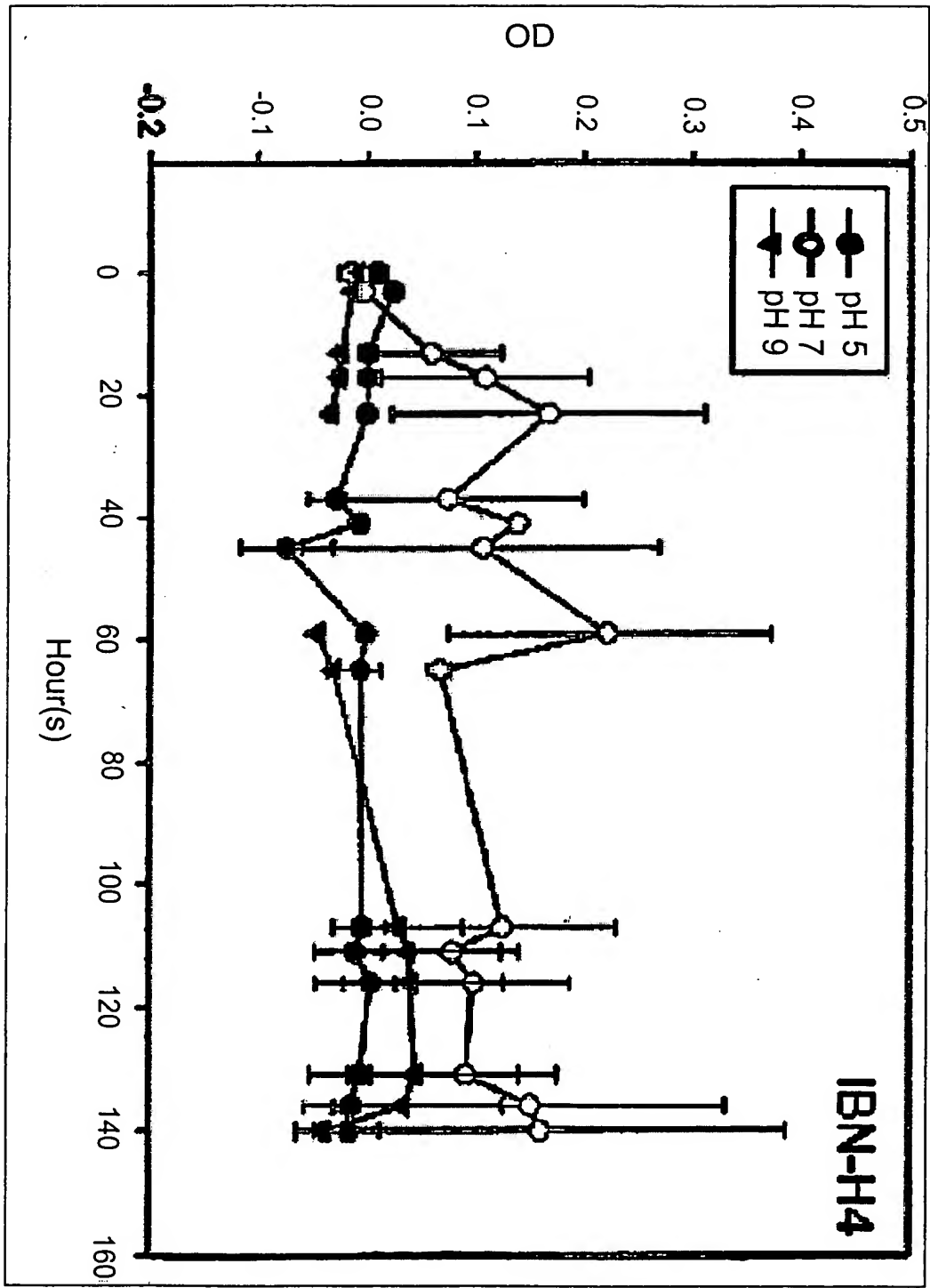


MAILDATE CANCELLED
O I P E
MAY 14 2004
PATENT & TRADEMARK OFFICE

O I P E JC177
MAY 14 2004
PATENT & TRADEMARK OFFICE

FIG. 3b

6/15



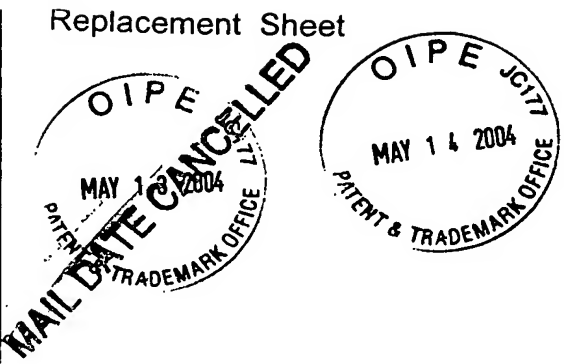
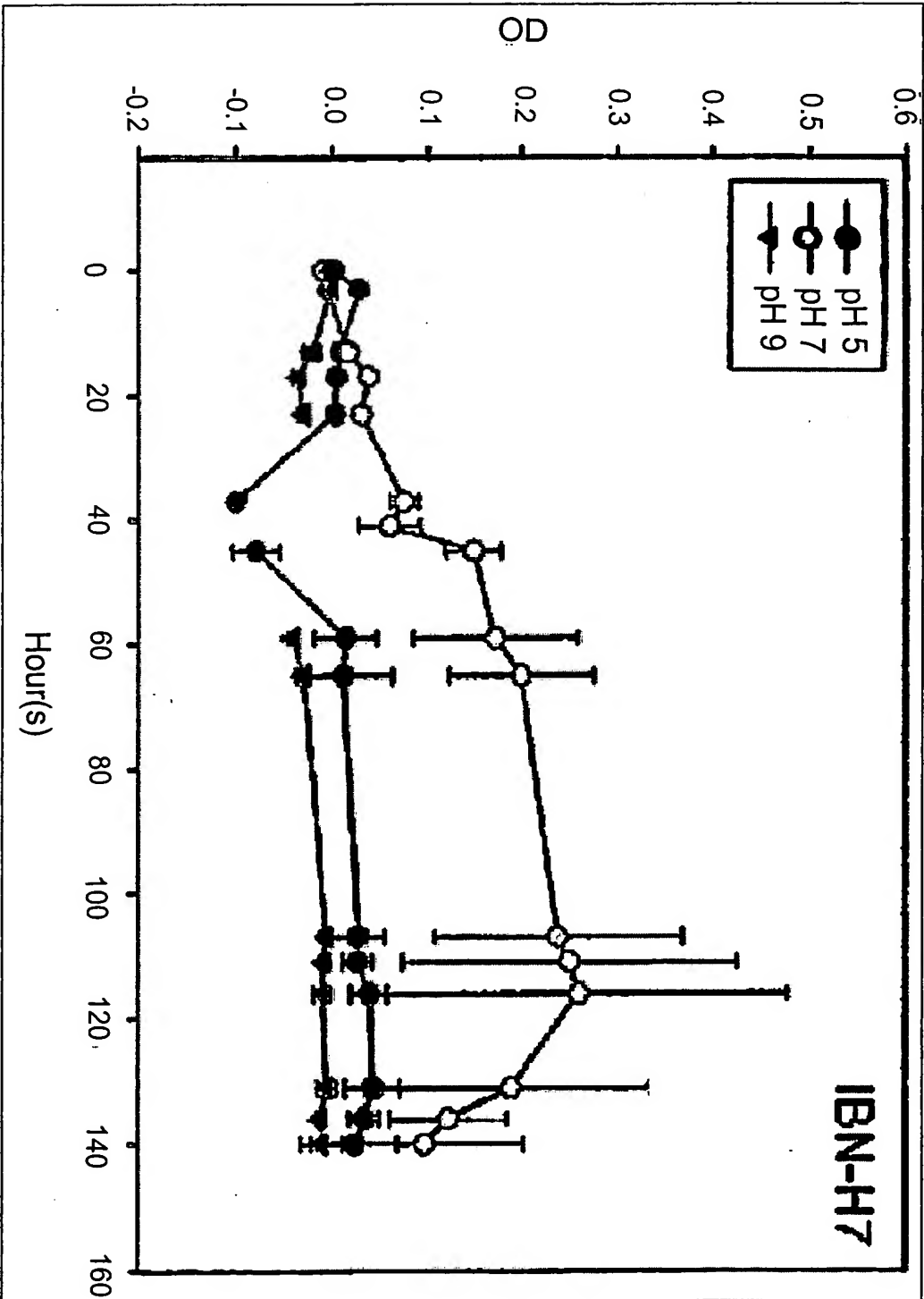
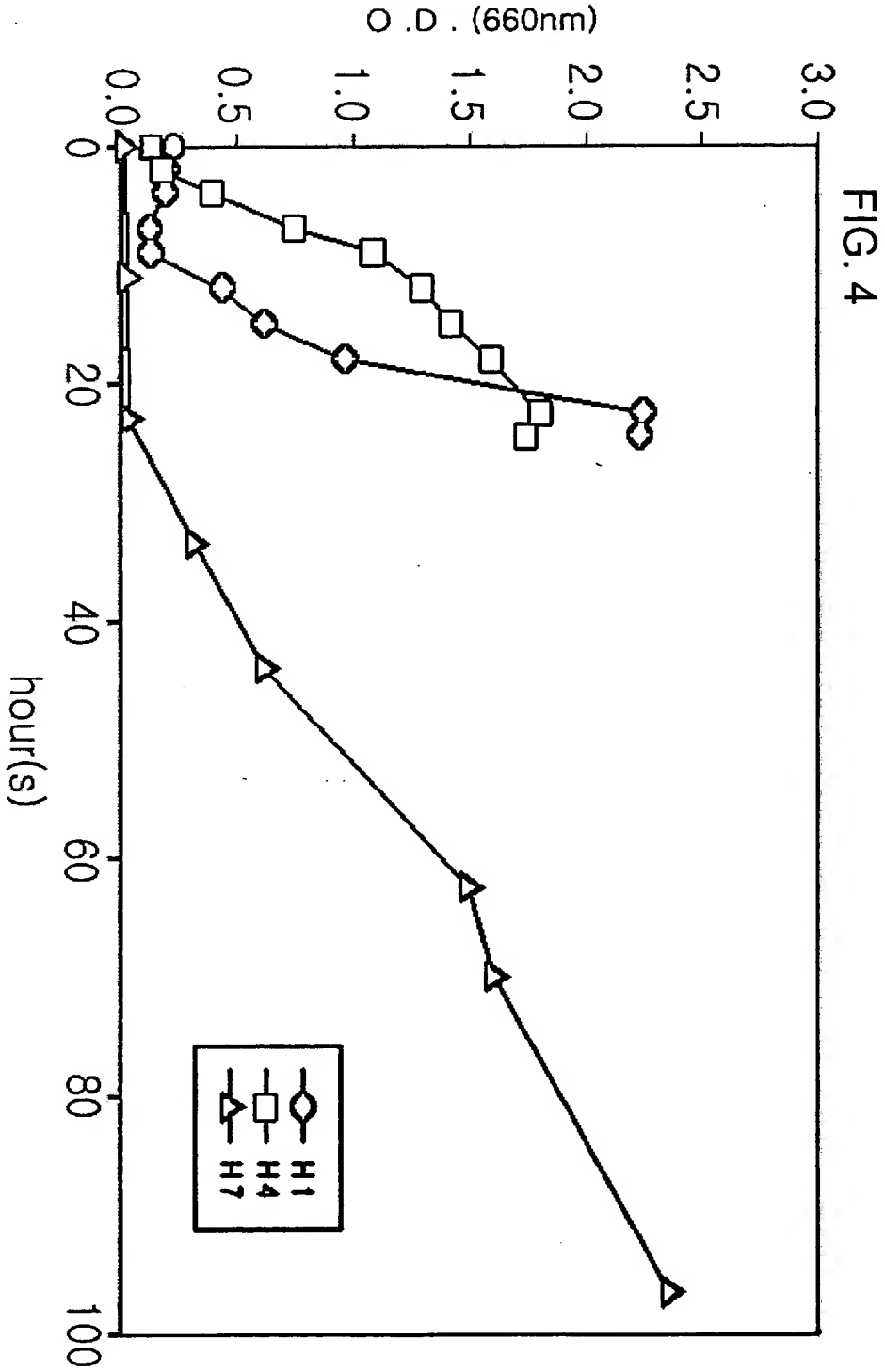


FIG. 3c

7/15



MAIL DATE CANCELLED
O.I.P.E.
MAY 14 2004
PATENT & TRADEMARK OFFICE



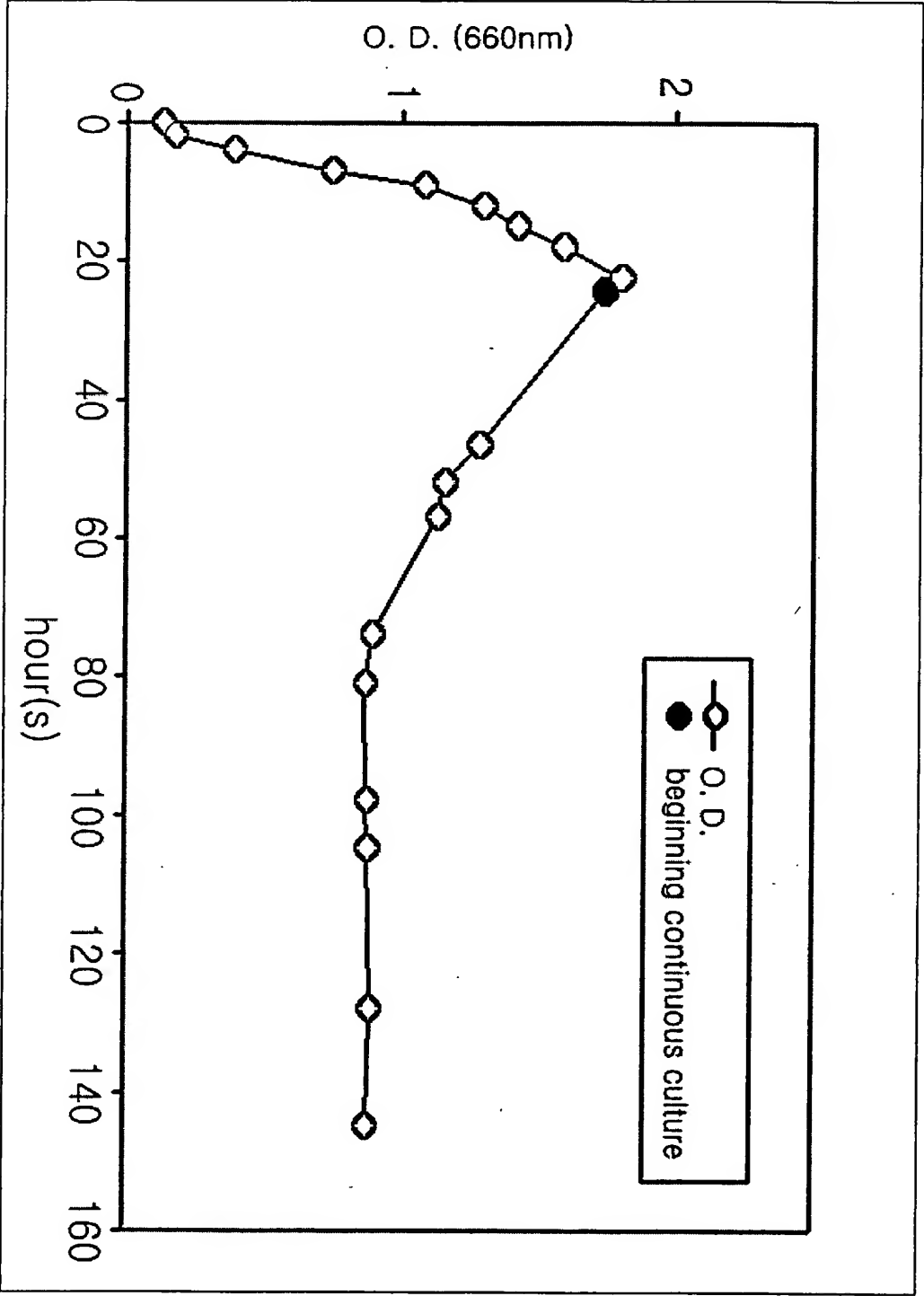
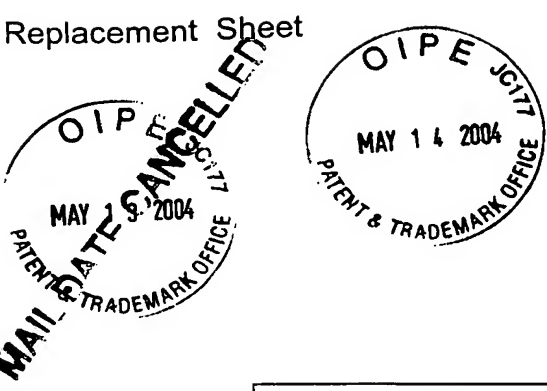


FIG. 5



10/15

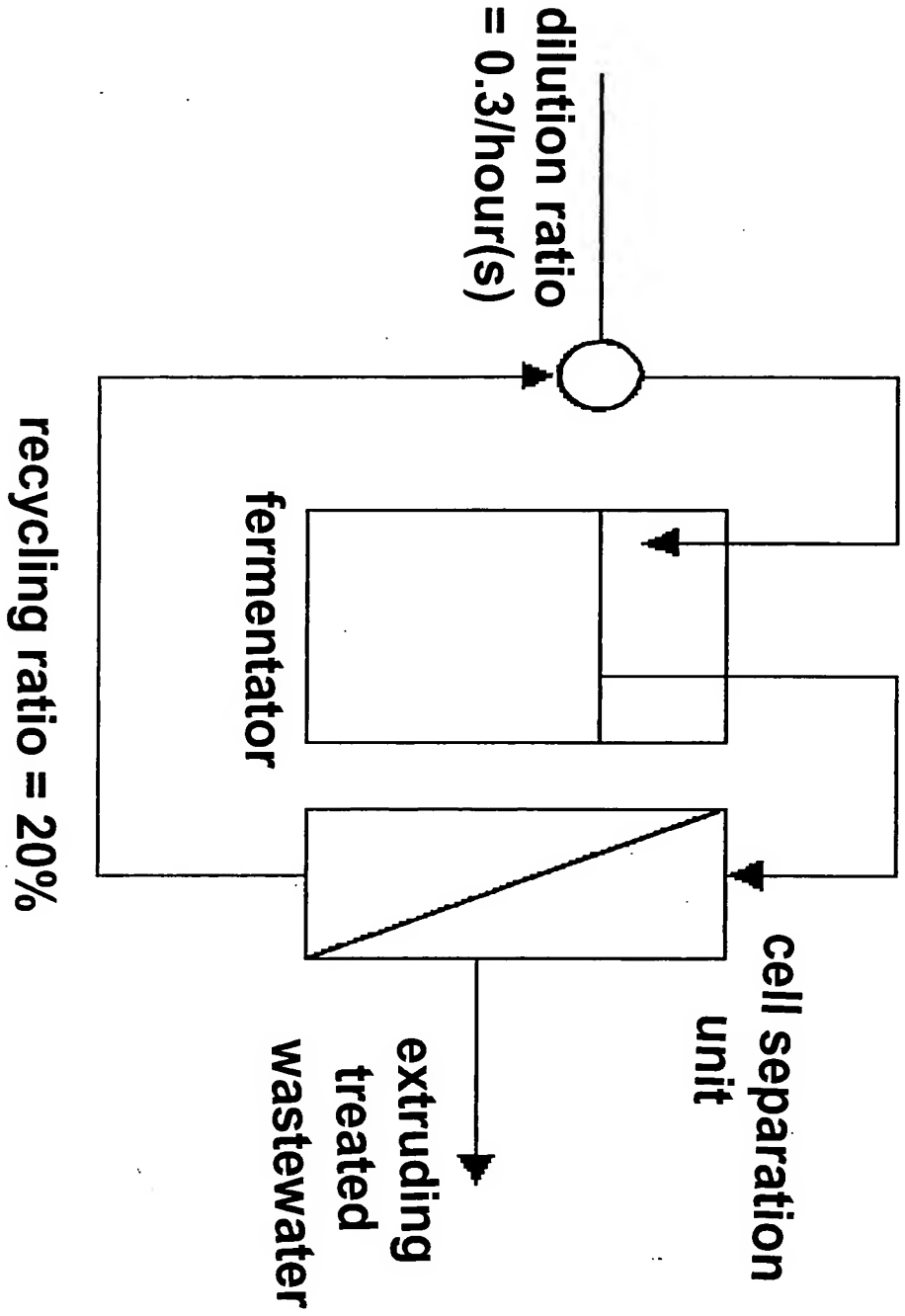


FIG. 6

MAIL DATE CANCELLED
 OIPR
 MAY 14 2004
 PATENT & TRADEMARK OFFICE

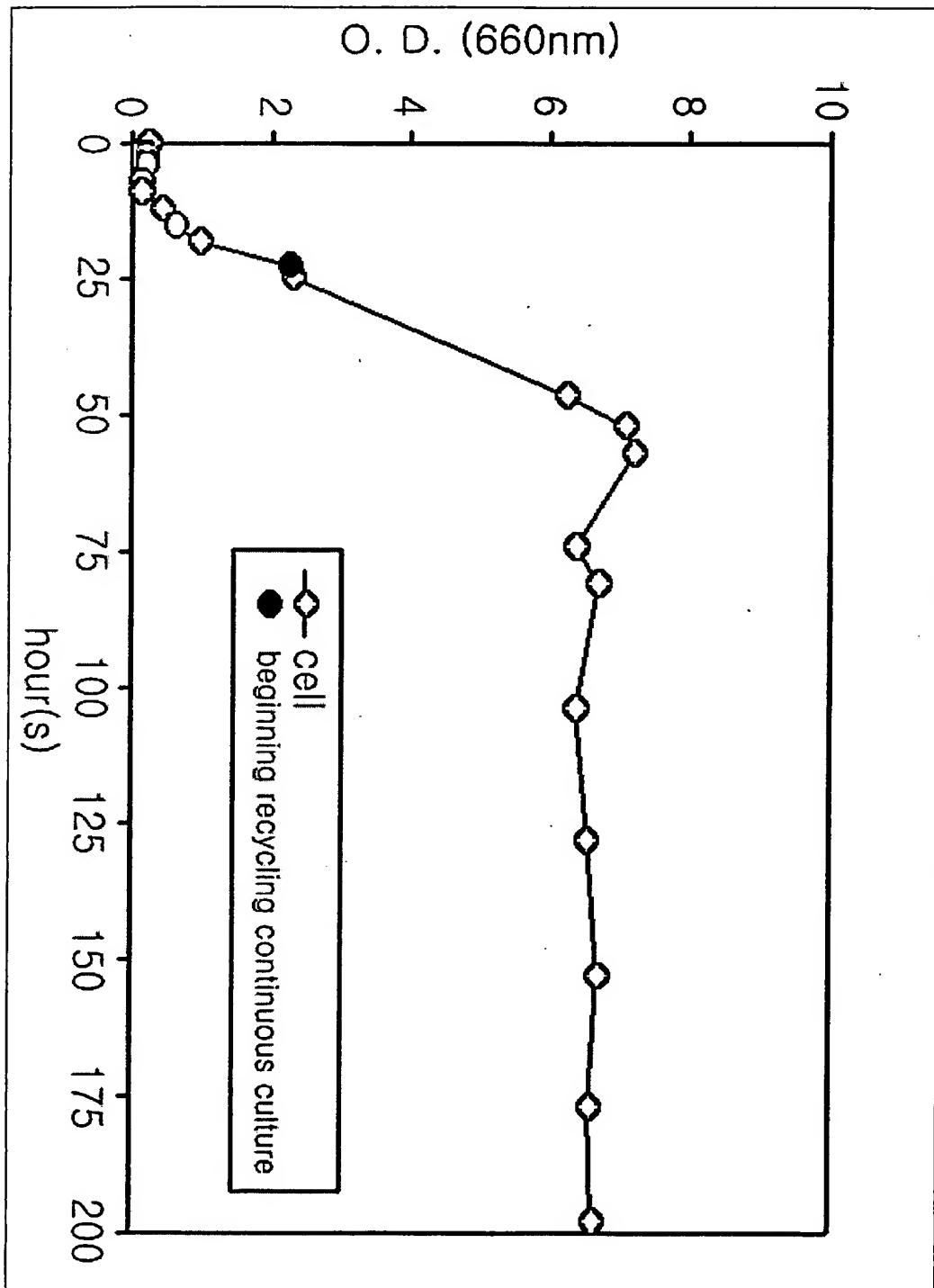


FIG. 7



12/15

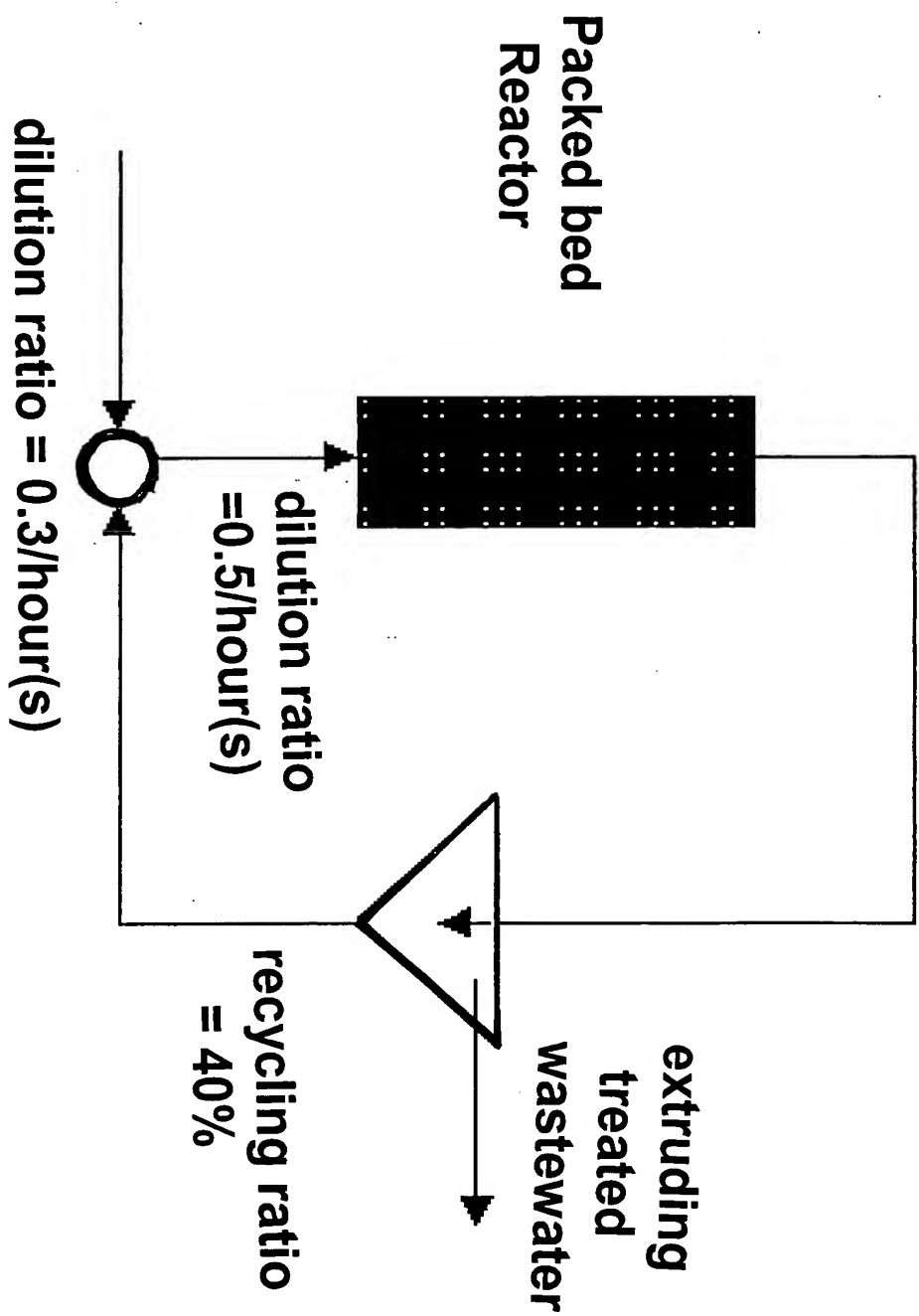
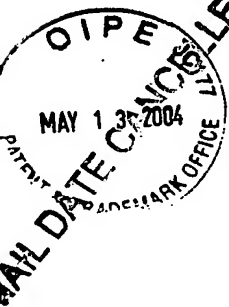


FIG. 8



13/15

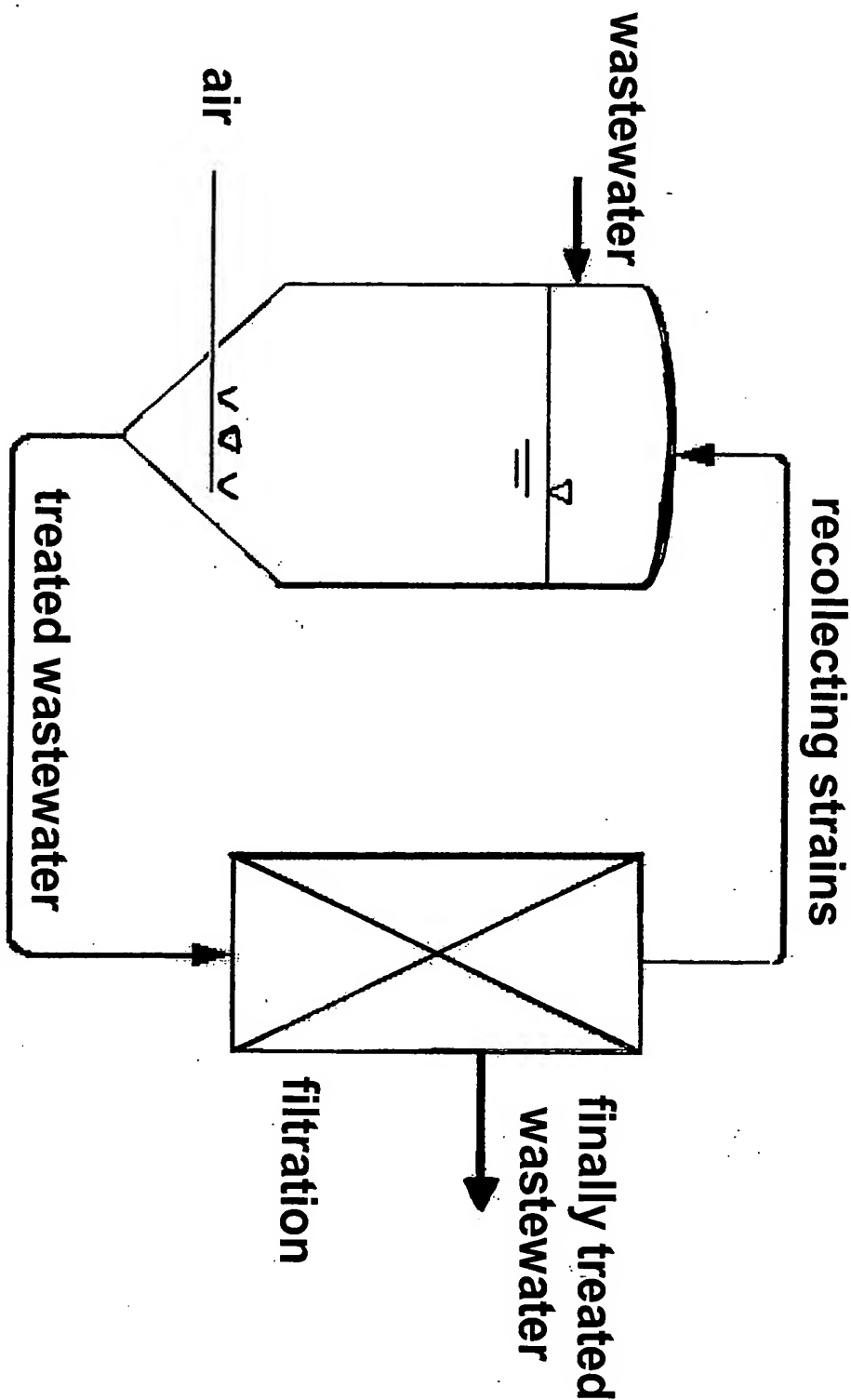
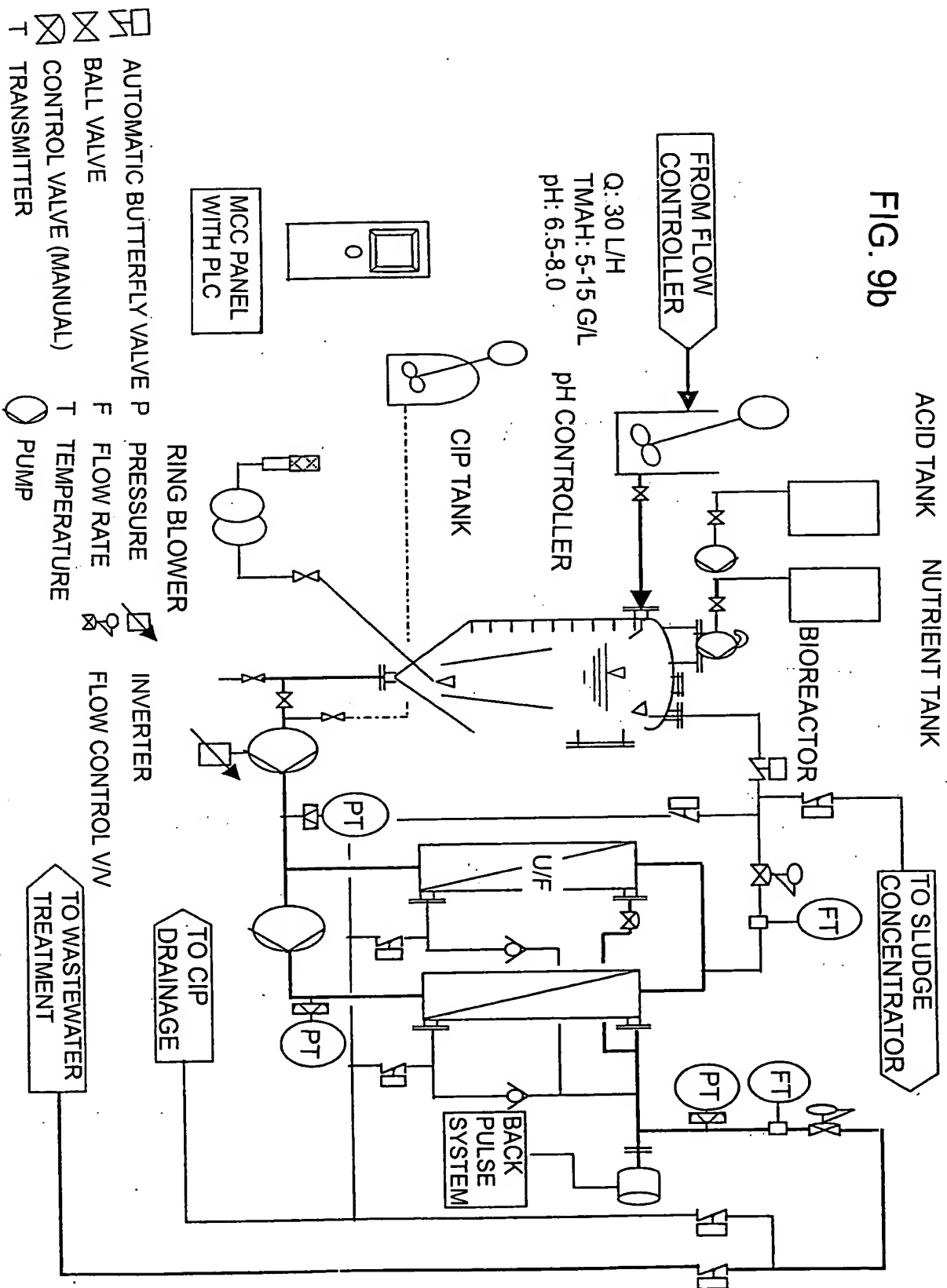


FIG. 9a



FIG. 9b



PATENT CANCELLED
OIPF 36177
MAY 13 2004
PATENT & TRADEMARK OFFICE

OIPF 36177
MAY 14 2004
PATENT & TRADEMARK OFFICE

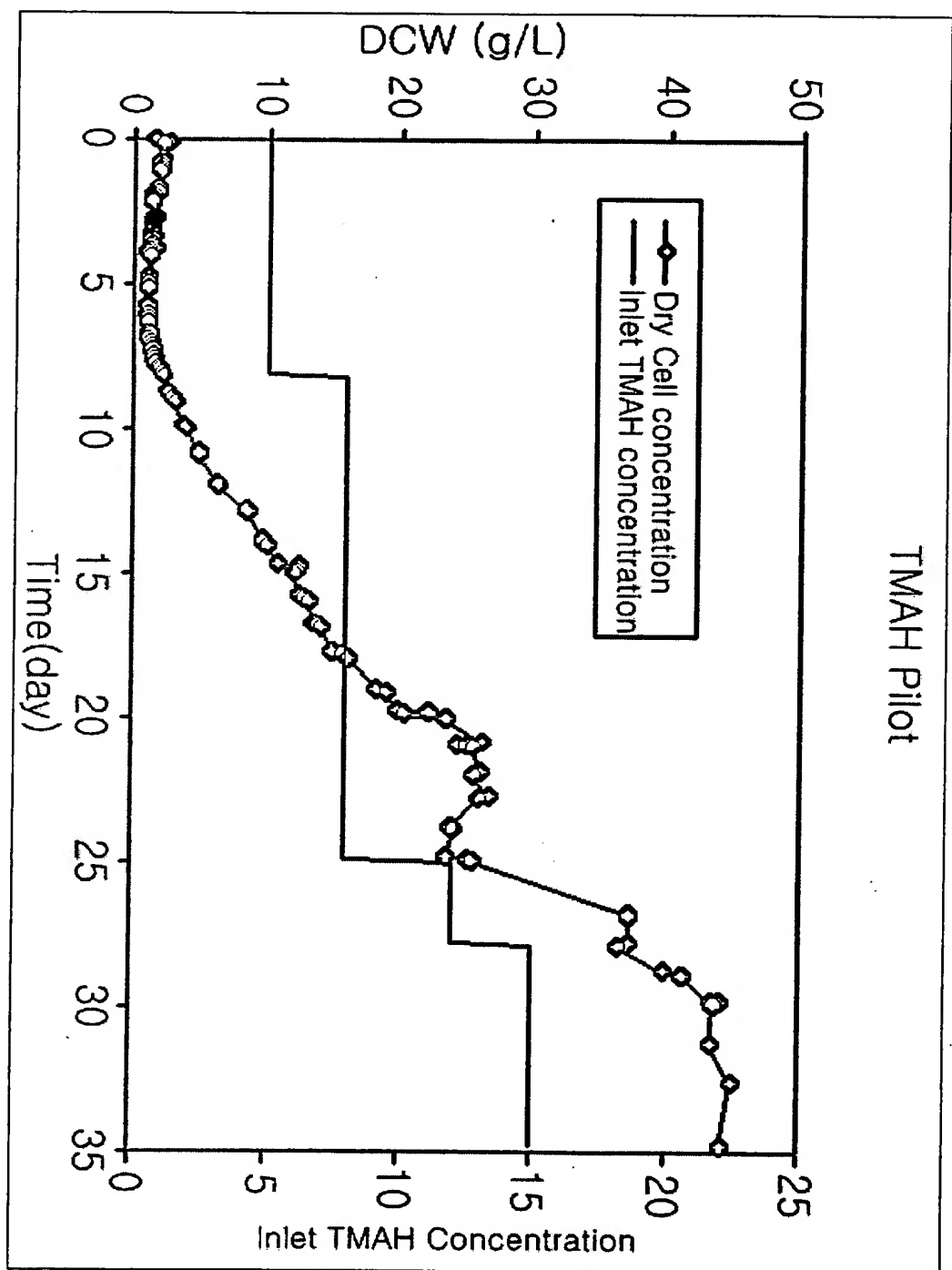


FIG. 10